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Form PTO-1449 (Modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement

(Use several sheets if necessary)

Atty Docket No.

Serial No.

NRWB:006

08/803,914

Applicant

Paul A. Brown

Filing Date

2/21/97

Group

2617 2736

Reference Designation

U. S. Patent Documents

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
JAT	AA 4,772,870	9/88	Reyes, R.R.	340	310	
JAT	AB 1,547,242	7/25	Strieby, M.E.	340	310.03	
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes/No
JAT	AL GB 2101857	1/93	United Kingdom	H04B	3/56	
JAT	AM GB 1548652	7/79	United Kingdom	H04B	3/54	
JAT	AN EP 0141673	5/85	Europe	H04B	3/56	
JAT	AO WO92/16920	1/92	PCT	H04B	3/54	
JAT	AP WO84/01481	4/84	PCT	H04B	3/54	

OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.)

JAT	AR	J.R. Formby and R.N. Adams, "The Mains Network As A High Frequency Signalling Medium," The Electricity Council, January 1970
JAT	AS	J.M. Barstow, "A Carrier Telephone System for Rural Service, AIEE Transactions, Vol. 66, 1947, pp. 501-507
	AT	

Examiner JOHN TWEEL Date Considered 8/25/97

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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AA						
AB						

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AL						
AM						

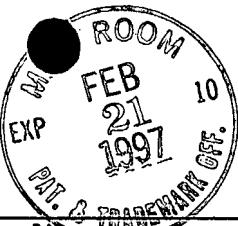
OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.)

JAT	AR	I.C. Vercellotti & I.A. White, "Distributed Power Line Communications for Remote Meter Reading and Selective Load Control," Proceedings of the American Power Conference 1974, Vol. 36, pp. 1114-1119.
JAT	AS	B. Ron Russell, editor, "Communication Alternatives for Distribution Metering and Load Management," Record of Panel Presentations, 1979 Summer Power Meetings, IEEE Transactions on Power Apparatus and Systems, Vol. PAS-99, No. 4 July/Aug. 1980, IEEE, New York, NY, pp. 1448-1455.
JAT	AT	Glen Lokken et al., "The Proposed Wisconsin Electric Power Company Load Management System," 1976 Nat. Telecomm. Conf., Dallas, Texas, Nov. 1976, IEEE, New York, NY, pp. 2.2-1 to 2.2-3.
JAT	AU	J.H. Bull et al., "A Survey of Mains Signalling Within the UK," ERA Report No. 86-0038, ERA Technology Limited, Surrey, England, April 1986, pp. 1-52, AA.2-AA.5, FIGS. 1-33, Table I.
JAT	AV	British Standards, "Signalling on low-voltage electrical installations in the frequency range 3KHz to 148.5KHz," BS EN 50065-1, 1992 (2 pages); "Electromagnetic compatibility - Generic emission standard," BS EN 50081-1 (2 pages); "Telecontrol equipment and systems," BS 7407 (870-1-1) (1 page).

Examiner	JDHW TWEEL	Date Considered
EXAMINER:		8/25/97

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08 803,914

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Examiner

2734

Reference Designation			U. S. Patent Documents			
Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
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	AB					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes/No
	AL					
	AM					

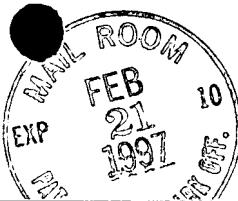
OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.)

JAT	AW	Draft standard, "Signalling on Low-Voltage Electrical Installations in the Frequency Band 3kKz to 148.5 kHz, Part 4: Filters at the interface of the indoor and outdoor electricity network," EN 50 065-4 April 1992 (11 pages).
JAT	AW	Draft standard, "Signalling on Low-Voltage Electrical Installations in the Frequency Band 3kKz to 148.5 kHz, Part 7: Equipment Impedance, EN 50 065-7 April 1992 (3 pages).
JAT	AX	"Coaxial Feeder Cables," Engineering Notes, Publication Ref. No. TSP507/1, Pye Telecommunications Limited, Cambridge, England, June 1975, pp. 1-13.

Examiner	John TWEEL	Date Considered
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Reference Designation			U. S. Patent Documents			
Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
JAT	AA 4,479,033	10/11/84	Brown et al.	179	2.51	
JAT	AB 4,701,945	10/87	Pedigo	379	66	

FOREIGN PATENT DOCUMENTS

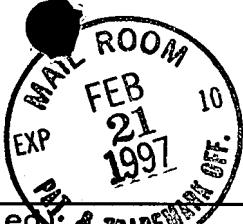
Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes/No
JAT	AL WO93/07693	4/93	PCT, WIPO	H04J	13/00	
JAT	AM 2,326,087	4/77	France	H04B	3/54	Abstract
	AN					

OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.)

JAT	AR	JP62120735, Patent Abstracts of Japan, Vol. 11 No. 341 (E-554) 2 June 1987, Kaoru et al., Method and Apparatus for Frequency Hopping Spread Spectrum Power Line Carrier Communication, 1 page.
JAT	AS	JP62030428, Patent Abstracts of Japan, Vol. 11 No. 209 (E-521) 9 Feb. 1987, Kondo Tomio, Current Superposition Type High Frequency Circuit, 1 page.
	AT	
	AU	

Examiner JOHN TWEEL Date Considered 8/25/97

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Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
JAT	AA 4,409,542	10/83	Becker et al.	324	434	
JAT	AB 5,477,091	12/95	Fiorina et al.	340	310.01	
JAT	AC 4,419,621	12/83	Becker et al.	324	51	
JAT	AD 4,367,522	1/83	Forstbauer et al.	363	137	
JAT	AE 4,912,553	3/90	Pal et al.	340	310.01	
JAT	AF 4,383,243	5/83	Krugel et al.	340	310.02	
JAT	AG 4,359,644	11/82	Foord	340	310.02	
JAT	AH 3,993,989	11/76	Held et al.	340	310.01	
JAT	AI 5,559,377	9/96	Abraham	379	66	6/94
AJ						
AK						

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U. S. Patent Documents

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
JAT	AD 3,846,638	11/74	Wetherell	307	3	
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes/No
JAT	AL WO90/13950	11/90	PCT, WIPO	H04B	1/50	
AM						
AN						
AO						
AP						

OTHER ART (Including Author, Title, Date Pertinent Pages, Etc.)

JAT	AR	JP1276933, Patent Abstracts of Japan, Vol. 14, No. 51 (E-0881) 30 Jan. 1990, Uchida Hiroshi, Transformer Bypass Circuit, 1 page.
	AS	
	AT	
	AU	

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